ABSTRACT OF THE DISCLOSURE

The number of X electrodes of a PDP to be driven is m, the number of Y electrodes of the same is m+1, and they are alternately disposed at equal intervals. The intersections (2m-1) between all the X electrodes and Y electrodes and the data electrodes (n) form each cell, and a total of (2m-1)×n pixels exist. Wall charges with the same polarity and the same amount are formed on the X electrode and Y electrode within one cell while surface discharge occurs between the X electrode and Y electrode, and lighting and non-lighting is distinguished based on the wall charge amount. The surface discharge is set so as not to occur when either the X electrodes or Y electrodes only change their voltages.